

PI 561918 to 561921-continued

PI 561921 **origin:** United States. **developed:** J.F. Miller. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab, P.O. Box 5677, Fargo, North Dakota 58105 United States. **cultivar:** RHA 381. **pedigree:** BC3F6-derived F9 restorer line selected from USDA 1869-3/3\* RHA 274. **other id:** GP-180. **group:** CSR-SUNFLOWER. **restricted:** CSR. **remarks:** Restores fertility of the PET 1 sterile cytoplasm. Expresses upper-stem branching conditioned by recessive gene. Early maturity germplasm line. Homozygous for resistance to race 2 downy mildew (*Plasmopara halstedii*). Height 97cm. Oil content 469g kg-1. Leaf number 18. Spring Annual. Breeding Material. Seed.

PI 561922. *Saccharum* hybrid POACEAE Sugarcane

**Donated by:** Miller, J.D., Agricultural Research Service -- USDA, Sugarcane Field Station, Star Route, Box 8, Canal Point, Florida 33438, United States; and Florida Agr. Exp. Sta.; and Florida Sugar Cane League, Inc.. **remarks:** CP 81-1384 Sugarcane. Received July 31, 1992.

**origin:** United States. **developed:** P.Y.P. Tai, J.M. Shine, Jr., B. Glaz, J.D. Miller, C.W. Deren, J.C. Comstock. **origin institute:** Agricultural Research Service -- USDA, Sugarcane Field Station, Star Route, Box 8, Canal Point, Florida 33438 United States. **cultivar:** CP 81-1384. **pedigree:** CP 68-1067 (1)/CP 74-2013. **other id:** CV-92. **group:** CSR-SUGARCANE. **restricted:** CSR. **remarks:** Higher cane yields results in 103% & 107% of sugar per acre of CP70-1133 & CP72-1210 checks. Med. to large dia. stalks yellow green under leaf sheath, brownish in areas exposed to sun. Normally doesn't flower under FL conditions. Recommend planting on warm muck & sandy soils. Disease resistance adequate (for commercial production in FL) to sugarcane mosaic virus, leaf scald (*Xanthomonas albilineans*), eye spot (*Bipolaris sacchari*) & smut (*Ustilago scitaminea*). Sporulating pustules of rust (*Puccinia melanocephala*) have been observed, yet no evidence of economic impact. Cultivar. Cutting.

PI 561923 to 561925. *Gossypium barbadense* L. MALVACEAE Cotton

**Donated by:** Percy, R.G., Agricultural Research Service -- USDA, Maricopa Agricultural Center, Maricopa, Arizona 85239, United States; and Arizona Agr. Exp. Sta.. **remarks:** Three Germplasm Lines of Pima Cotton. Received August 06, 1992.